



# **STIC Search Report**

## **EIC 2800**

**STIC Database Tracking Number: 137557**

**TO: Brian Healy  
Location: JEF- 4D39  
Art Unit : 2883  
Wednesday, November 10, 2004**

**Case Serial Number: 10/086222**

**From: Darcy Bates  
Location: EIC 2800  
JEF- 4B68  
Phone: 571-272-2540**

**darcy.bates@uspto.gov**

### **Search Notes**

**Re: 10/086,222 US 6,031,956**

**BEST AVAILABLE COPY**

**Attached are search results.**

**No U. S. litigation was found in searches of  
Lexis-Nexis and Questel-Orbit databases.**

**If more searching or explanation is needed, please let  
me know.**

**Thanks,  
Darcy Bates**



**Bates, Darcy**

---

**From:** Healy, Brian  
**Sent:** Tuesday, November 09, 2004 2:57 PM  
**To:** STIC-EIC2800  
**Subject:** NEED LITIGATION SEARCH ON U.S.P. No. 6,031,956 which is reissue 10/086,222

Dear Sir or Madam, My name is Brian Healy. I am a Primary Examiner employee No.62975. I need a litigation search on U.S.P. No. 6,031,956 corresponding to reissue No. 10/086,222. This is a DATE case so please do the search ASAP.  
Thanks, Brian Healy





## PALM INTRANET

Day : Wednesday

Date: 11/10/2004

Time: 09:36:40

## Application Number Information

Application Number: 10/086222 [Assignments](#)

Filing Date: 02/27/2002

Effective Date: 02/27/2002

Application Received: 02/28/2002

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: 15275/9450 (Li 2)

Status: 77 /RESPONSE TO EX PARTE QUAYLE ACTION ENTERED AND FORWARDED TO EXAMINER

Confirmation Number: 4783

Title of Invention: HIGH PERFORMANCE SINGLE MODE WAVEGUIDE

Examiner Number: 62975 / [HEALY, BRIAN](#)

Group Art Unit: 2883

Class/Subclass: 385/124.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

L&amp;R Code: Secrecy Code:1

Third Level Review: NO

Oral Hearing: NO

IFW IMAGE

Secrecy Order: NO

Status Date: 08/31/2004

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
10086222ZA	28C1	08/25/2004	No Charge to Location	No Charge to Name	NGO,CHAU	CP4/04/C 24

## Appln Info

[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)[Inventors](#)[Address](#)[Fees](#)[Post Info](#)[Pre Grant/Pub](#)Search Another: Application#   or Patent#  PCT /  /   or PG PUBS #  Attorney Docket #  Bar Code #  

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Day : Wednesday  
Date: 11/10/2004  
Time: 09:36:46

**PALM INTRANET**

## Continuity Information for 10/086222

**Parent Data**10086222is a reissue of 09173097Which Claims Priority from Provisional Application 60065845**Child Data**

No Child Data

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors	Address	Fees	Post Info	Pre Grant Pub
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Search Another: Application#   or Patent#    
PCT /  /   or PG PUBS #    
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## PALM INTRANET

Day : Wednesday

Date: 11/10/2004

Time: 09:36:52

## Application Number Information

Application Number: 09/173097 [Order This File](#) [Assignments](#) Examiner Number: 62975 / [HEALY, BRIAN](#)

Filing Date: 10/14/1998

Group Art Unit: 2874

Effective Date: 10/14/1998

Class/Subclass: 385/124.000

Application Received: 10/14/1998

Lost Case: NO

Patent Number: [6031956](#)

Interference Number:

Waiting for Response Desc.

Issue Date: 02/29/2000

Unmatched Petition: NO

[Drawings Sent](#)

Date of Abandonment: 00/00/0000

[L&R Code](#): Secrecy Code:1

Attorney Docket Number: L12-2-9

Third Level Review: NO

Secrecy Order: NO

Status: 150 /PATENTED CASE

Status Date: 02/17/2000

Confirmation Number: 1282

Oral Hearing: NO

Title of Invention: HIGH PERFORMANCE SINGLE MODE WAVEGUIDE

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
09173097	9200	02/07/2002	No Charge to Location	No Charge to Name	JACQUES,PAUL	

## Appln Info

[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)[Inventors](#)[Address](#)[Fees](#)[Post Info](#)[Pre Grant Pub](#)Search Another: Application#   or Patent#  PCT /  /   or PG PUBS #  Attorney Docket #  Bar Code #  

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Day : Wednesday  
Date: 11/10/2004  
Time: 09:36:58

**PALM INTRANET**

## Continuity Information for 09/173097

**Parent Data**

09173097

Claims Priority from Provisional Application 60065845**Child Data**10086222 is a reissue of 09173097

Appln Info	Contents	Petition Info	Atty/Agent Info	<b>Continuity Data</b>	Foreign Data	Inventors	Address	Fees	Post Info	Pre Grant Pub
------------	----------	---------------	-----------------	------------------------	--------------	-----------	---------	------	-----------	---------------

Search Another: Application#   or Patent#    
PCT /  /   or PG PUBS #    
Attorney Docket #    
Bar Code #

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## PALM INTRANET

Day : Wednesday  
Date: 11/10/2004  
Time: 09:37:03

## Application Number Information

Application Number: 60/065845 [Order This File](#) [Assignments](#) Examiner Number: 00000 /  
Filing Date: 11/17/1997 Group Art Unit: 0000  
Effective Date: 11/17/1997 Class/Subclass: /  
Application Received: 11/17/1997 Lost Case: NO  
Patent Number: Interference Number:  
Issue Date: 00/00/0000 Unmatched Petition: NO  
Date of Abandonment: 00/00/0000 [L&R Code](#): Secrecy Code:1  
Attorney Docket Number: P13890 Third Level Review: NO  
Status: 159 /PROVISIONAL APPLICATION EXPIRED  
Confirmation Number: 9433 Oral Hearing: NO  
Title of Invention: HIGH PERFORMANCE SINGLE MODE WAVEGUIDE

Secrecy Order: NO  
Status Date: 09/21/2001

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
60065845	9200	05/09/2001	No Charge to Location	No Charge to Name	LOE CONV DR1995U	

## Appln Info

[Contents](#)[Petition Info](#)[Atty/Agent Info](#)[Continuity Data](#)[Foreign Data](#)[Inventors](#)[Address](#)[Fees](#)[Post Info](#)[Pre Grant Pub](#)

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PCT /  /   or PG PUBS #

Attorney Docket #

Bar Code #

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Day : Wednesday

Date: 11/10/2004

Time: 09:37:09

 PALM INTRANET

## Continuity Information for 60/065845

**Parent Data,**

No Parent Data

**Child Data**09173097 Claims Priority from Provisional Application 6006584510086222 is a reissue of 09173097PCT/US98/21871 Claims Priority from Provisional Application 60065845

Appln Info	Contents	Petition Info	Atty/Agent Info	<b>Continuity Data</b>	Foreign Data	Inventors	Address	Fees	Post Info	Pre Grant Pub
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Search Another: Application#   or Patent#  PCT /  /   or PG PUBS #  Attorney Docket #  Bar Code #  

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## PALM INTRANET

Day : Wednesday

Date: 11/10/2004

Time: 09:37:15

## Application Number Information

Application Number: PCT/US98/21871 [Order This File Assignments](#)

Filing Date: 10/15/1998

Effective Date: 00/00/0000

Application Received:

Patent Number:

Issue Date: 00/00/0000

Date of Abandonment: 00/00/0000

Attorney Docket Number: LI 2-2-9

Status: 275 /PCT - IPER (INTERNATIONAL PRELIMINARY EXAMINATION REPORT) 409-416 MAILED

Confirmation Number:

Title of Invention: HIGH PERFORMANCE SINGLE MODE WAVEGUIDE

Examiner Number: 62975 / [HEALY, BRIAN](#)

Group Art Unit: 2874

Class/Subclass: 385/124.000

Lost Case: NO

Interference Number:

Unmatched Petition: NO

[L&R Code](#): [Secrecy Code](#):1

Third Level Review: NO

Secrecy Order: NO

Status Date: 11/02/1999

Oral Hearing: NO

Bar Code	PALM Location	Location Date	Charge to Loc	Charge to Name	Employee Name	Location
41821871	9200	08/21/2000	No Charge to Location	No Charge to Name	LOE CONV DR1995C	
44821871	9200	08/21/2000	No Charge to Location	No Charge to Name	LOE CONV DR1995C	

## Appln Info

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PALM INTRANET

Day : Wednesday  
Date: 11/10/2004  
Time: 09:37:21

## Continuity Information for PCT/US98/21871

### Parent Data

PCT/US98/21871

Claims Priority from Provisional Application 60065845

### Child Data

No Child Data

Appln Info	Contents	Petition Info	Atty/Agent Info	Continuity Data	Foreign Data	Inventors	Address	Fees	Post Info	Pre Grant Pub
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Attorney Docket #    
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## Litigation involving patent 6,031,956

Click on the docket number to view the docket.  
Click on the above patent number to view the patent.

 Docket 	 Case Heading 	 Date Filed 	 Date Retrvd 
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**There are no cases involving this patent number.**



Source: [Legal](#) > [Area of Law - By Topic](#) > [Patent Law](#) > [Patents](#) > [U.S. Patents](#) > [Utility Patents](#) Terms: **patno=6031956** ([Edit Search](#))

173097 (00) 6031956 February 29, 2000

## UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

**6031956**◆ [GET 1st DRAWING SHEET OF 2](#)[Access PDF of Official Patent \\*](#)[Check for Patent Family Report PDF availability \\*](#)

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[Link to Claims Section](#)

February 29, 2000

High performance single mode waveguide

**REISSUE:** February 27, 2002 - Reissue Application filed Ex. Gp.: 2874; Re. S.N. 10/086,222 (O.G. June 4, 2002)

February 27, 2002 - Reissue Application filed Ex. Gp.: 2874; Re. S.N. 10/086,222 (O.G. August 13, 2002)

**INVENTOR:** Li, Ming-Jun, Horseheads, NY; Liu, Yanming, Horseheads, NY; Ma, Daiping, Wilmington, NC; Smith, David K., Wilmington, NC

**APPL-NO:** 173097 (00)

**FILED-DATE:** October 14, 1998

**GRANTED-DATE:** February 29, 2000

**ASSIGNEE-AT-ISSUE:** Corning Incorporated, Corning, NY

**ASSIGNEE-AFTER-ISSUE:** October 14, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CORNING INCORPORATED PATENT DEPT.; SP-FR-02- 12 CORNING NEW YORK 14831, Reel and Frame Number: 009522/0742

March 19, 1999 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., CORNING INCORPORATED PATENT DEPT.; SP-FR-02- 12 CORNING NEW YORK 14831, Reel and Frame Number: 009849/0785

**LEGAL-REP:** Chervenak, William J.

**PUB-TYPE:** February 29, 2000 - Utility Patent having no previously published pre-grant publication (A)

**PUB-COUNTRY:** United States (US)

**US-MAIN-CL:** 385#124

**US-ADDL-CL:** 385#123, 385#126, 385#127, 385#141

**CL:** 385




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patno=6031956

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## Search Connectors

Use connectors to show relationships between search terms. (Hover over a connector for description. Click a connector to add to search.)

### Syntax Definition

<u>and</u>	and
<u>or</u>	or
<u>w/N</u>	within N words
<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
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Query/Command : file pluspat

Selected file: PLUSPAT

Search statement 1

Query/Command : us6031956/pn

\*\* SS 5: Results 1

Search statement 6

Query/Command : prt fu legalall max

1 / 1 PLUSPAT - @QUESTEL-ORBIT - image  
PN - US6031956 A 20000229 [US6031956]  
TI - (A) High performance single mode waveguide  
PA - (A) CORNING INC (US)  
PAO - Corning Incorporated, Corning NY [US]  
IN - (A) LI MING-JUN (US); LIU YANMING (US); MA DAIPING (US); SMITH  
DAVID K (US)  
AP - US17309798 19981014 [1998US-0173097]  
FD - Rel. Prov. 60/065,845 19971117 [1997US-P065845]  
PR - US17309798 19981014 [1998US-0173097]  
US6584597P 19971117 [1997US-P065845]  
IC - (A) G02B-006/02  
EC - G02B-006/16M  
G02B-006/22  
PCL - ORIGINAL (O) : 385124000; CROSS-REFERENCE (X) : 385123000  
385126000 385127000 385141000  
DT - Basic  
CT - US4715679; US4755022; US4877304; US5278931; US5361319; US5483612;  
US5649044; US5684909; US5715346; US5721800; US5732178; US5748824;  
US5822488; US5835655; US5852701  
STG - (A) United States patent  
AB - Disclosed is a single mode optical waveguide fiber having a  
segmented core design. In particular, the core comprises three  
segments, each having characteristic dimensions and refractive  
index profile. By proper choice of index profile in each segment,  
a waveguide fiber is made which has a mode field diameter of about  
9.5, low, positive total dispersion over the operating window  
1530 nm to 1565 nm as well as effective area greater than 60 MU  
m2.  
UP - 2000-10

1 / 1 LGST - @EPO  
PN - US6031956 A 20000229 [US6031956]  
AP - US17309798 19981014 [1998US-0173097]  
ACT - 20020604 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20020227  
  
20020813 US/RF-A  
REISSUE APPLICATION FILED



11/10/04

US 6,031,956

10/086222

EFFECTIVE DATE: 20020227  
UP - 2003-22

1 / 1 CRXX - @CLAIMS/RRX  
AN - 3288268  
PN - 6,031,956 A 20000229 [US6031956]  
PA - Corning Inc  
PT - E (Electrical)  
ACT - 20020227 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020604  
REISSUE REQUEST NUMBER: 10/086222  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2874

Reissue Patent Number:

20020227 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20020813  
REISSUE REQUEST NUMBER: 10/086222  
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 2874

Reissue Patent Number:

UP - 2002-23  
UACT- 2002-08-13

Search statement 6

Query/Command : fam us6031956/pn

1 Patent Groups  
\*\* SS 6: Results 10

Search statement 7

Query/Command : famstate nonstop

1 / 10 PLUSPAT - @QUESTEL-ORBIT  
PN - AU1093399 A 19990607 [AU9910933]  
STG - (A) Open to public inspection  
TI - (A) High performance single mode waveguide  
PA - (A) CORNING INC  
IN - (A) LI MING-JUN; MA DAIPING; SMITH DAVID K; LIU YANMING  
IC - (A) G02B-006/16 G02B-006/22  
PN2 - AU736285 B2 20010726 [AU-736285]  
STG2- (B2) Patent preceded by A1

Stic EIC 2800

Darcy Bates

272-2540



TI2 - (B2) High performance single mode waveguide  
PA2 - (B2) CORNING INC  
IN2 - (B2) LI MING-JUN; LIU YANMING; SMITH DAVID K; MA DAIPING  
IC2 - (B2) G02B-006/16 G02B-006/22  
AP - AU1093399 19981015 [1999AU-0010933]  
PR - US6584597P 19971117 [1997US-P065845]  
WOUS9821871 19981015 [1998WO-US21871]

## 2 / 10 PLUSPAT - @QUESTEL-ORBIT

PN - BR9814195 A 20000926 [BR9814195]  
STG - (A) Patent Application  
OTI - (A) Guia de onda de modo simples de alta performance  
PA - (A) CORNING INC (US)  
IN - (A) LI MING-JUN; LIU YANMING; MA DAIPING; SMITH DAVID KINNEY  
IC - (A) G02B-006/16 G02B-006/22  
AP - BR9814195 19981015 [1998BR-0014195]  
PR - US6584597P 19971117 [1997US-P065845]  
WOUS9821871 19981015 [1998WO-US21871]  
UP - 2000-44

## 3 / 10 PLUSPAT - @QUESTEL-ORBIT

PN - CA2305232 A1 19990527 [CA2305232]  
STG - (A1) Application laid open  
TI - (A1) HIGH PERFORMANCE SINGLE MODE WAVEGUIDE  
OTI - (A1) GUIDE D'ONDE MONOMODE HAUTES PERFORMANCES  
PA - (A1) CORNING INC (US)  
IN - (A1) LI MING-JUN (US); LIU YANMING (US); SMITH DAVID K (US); MA  
DAIPING (US)  
IC - (A1) G02B-006/16 G02B-006/22  
LA - ENGLISH (ENG)  
AP - CA2305232 19981015 [1998CA-2305232]  
PR - US6584597P 19971117 [1997US-P065845]  
WOUS9821871 19981015 [1998WO-US21871]  
UP - 2002-11

## 1 / 1 LEGALI - @EPO

PN - CA2305232 A1 19990527 [CA2305232]  
AP - CA2305232 19981015 [1998CA-2305232]  
ACTE- 20030403 CA/AFNE-A [+]  
NATIONAL PHASE ENTRY  
EFFECTIVE DATE: 20000407  
  
20030925 CA/AFNE-A [+]  
NATIONAL PHASE ENTRY  
EFFECTIVE DATE: 20000407  
  
20030925 CA/EEER-A [+]  
EXAMINATION REQUEST  
EFFECTIVE DATE: 20030805  
UP - 2004-36

## 4 / 10 PLUSPAT - @QUESTEL-ORBIT

PN - CN1279771 T 20010110 [CN1279771]  
STG - (T) Translated document  
TI - (T) High performance single mode waveguide



PA - (T) CORNING INC (US)  
IN - (T) SMITH D K (US); DAIPING MA (US); MINGJUN LI (US)  
IC - (T) G02B-006/16 G02B-006/22  
PN2 - CN1115574 B 20030723 [CN1115574B]  
STG2- (B) Patent  
TI2 - (B) High performance single mode optical fiber  
PA2 - (B) CORNING INC (US)  
IN2 - (B) SMITH D K (US); DAIPING MA (US); MINGJUN LI (US)  
IC2 - (B) G02B-006/16 G02B-006/22  
AP - CN98811234T 19981015 [1998CN-0811234]  
PR - US6584597P 19971117 [1997US-P065845]  
UP - 2001-04

5 / 10 PLUSPAT - @QUESTEL-ORBIT  
PN - EP1032855 A1 20000906 [EP1032855]  
STG - (A1) Public. Of applic. With search report  
TI - (A1) HIGH PERFORMANCE SINGLE MODE WAVEGUIDE  
OTI - (A1) GUIDE D'ONDE MONOMODE HAUTES PERFORMANCES  
(A1) MONOMODIGER WELLENLEITER HOHER LEISTUNGSFÄHIGKEIT  
PA - (A1) CORNING INC (US)  
IN - (A1) LI MING-JUN (US); MA DAIPING (US); SMITH DAVID K (US); LIU  
YANMING (US)  
IC - (A1) G02B-006/16 G02B-006/22  
LA - ENGLISH (ENG)  
AP - EP98953601 19981015 [1998EP-0953601]  
PR - WO9821871 19981015 [1998WO-US21871]  
US6584597P 19971117 [1997US-P065845]  
DS - AT CH DE DK ES FI FR GB GR IT LI NL SE  
UP - 2000-35

1 / 1 LEGALI - @EPO  
PN - EP1032855 A1 20000906 [EP1032855]  
AP - EP98953601 19981015 [1998EP-0953601]  
ACTE- 20000906 EP/AK-A [+]  
DESIGNATED CONTRACTING STATES:  
AT CH DE DK ES FI FR GB GR IT LI NL SE  
  
20000906 EP/17P-A [+]  
REQUEST FOR EXAMINATION FILED  
EFFECTIVE DATE: 20000323  
  
20040121 EP/17Q-A [+]  
FIRST EXAMINATION REPORT  
EFFECTIVE DATE: 20031208  
UP - 2004-04

6 / 10 PLUSPAT - @QUESTEL-ORBIT  
PN - ID27802 A 20010426 [ID--27802]  
STG - (A) Patent Application  
OTI - (A) PEMANDU-GELOMBANG MODE TUNGGAL DENGAN KINERJA TINGGI  
PA - (A) CORNING INC (US)  
IN - (A) LI MING-JUN (US); LIU YANMING (US); SMITH DAVID K (US); MA  
DAIPING (US)  
IC - (A) G02B-006/16 G02B-006/22  
AP - ID20001120 19981015 [1920ID-0001120]  
PR - US6584597P 19971117 [1997US-P065845]  
UP - 2004-04



## 7 / 10 PLUSPAT - @QUESTEL-ORBIT

PN - JP2001523837 T 20011127 [JP2001523837]  
STG - (T) Unexam. Pat. Appl. On foreign appl.  
IC - (T) G02B-006/16 G02B-006/22  
AP - JP2000521402T 19981015 [2000JP-0521402]  
PR - US6584597P 19971117 [1997US-P065845]  
WOUS9821871 19981015 [1998WO-US21871]  
UP - 2002-01

## 8 / 10 PLUSPAT - @QUESTEL-ORBIT

PN - TW408234 B 20001011 [TW-408234]  
STG - (B) Patent  
TI - (B) High performance single mode waveguide  
PA - (B) CORNING INC (US)  
IN - (B) LIU YANMING (US); LIN MING-JUN (US); MA DAIPING (US); SMITH  
DAVID KINNEY (US)  
IC - (B) G02B-006/00  
AP - TW87119139 19981212 [1998TW-0119139]  
PR - US6584597P 19971117 [1997US-P065845]  
UP - 2001-32

## 1 / 1 LEGALI - @EPO

PN - TW408234 B 20001011 [TW-408234]  
AP - TW87119139 19981212 [1998TW-0119139]  
ACTE- 20010319 TW/GD4A-A [+]  
ISSUE OF PATENT CERTIFICATE FOR GRANTED INVENTION PATENT  
UP - 2004-28

## 9 / 10 PLUSPAT - @QUESTEL-ORBIT - image

PN - US6031956 A 20000229 [US6031956]  
STG - (A) United States patent  
TI - (A) High performance single mode waveguide  
PA - (A) CORNING INC (US)  
PAO - Corning Incorporated, Corning NY [US]  
IN - (A) LI MING-JUN (US); LIU YANMING (US); MA DAIPING (US); SMITH  
DAVID K (US)  
IC - (A) G02B-006/02  
AP - US17309798 19981014 [1998US-0173097]  
PR - US17309798 19981014 [1998US-0173097]  
US6584597P 19971117 [1997US-P065845]  
EC - G02B-006/16M  
G02B-006/22  
PCL - ORIGINAL (O) : 385124000; CROSS-REFERENCE (X) : 385123000  
385126000 385127000 385141000  
DT - Basic  
UP - 2000-10

## 1 / 1 LEGALI - @EPO

PN - US6031956 A 20000229 [US6031956]  
AP - US17309798 19981014 [1998US-0173097]  
ACTE- 20020604 US/RF-A  
REISSUE APPLICATION FILED



EFFECTIVE DATE: 20020227

20020813 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20020227

UP - 2003-22

10 / 10 PLUSPAT - @QUESTEL-ORBIT - image

PN - WO9926094 A1 19990527 [WO9926094]  
STG - (A1) Publ. Of int. Appl. With int. Search rep  
TI - (A1) HIGH PERFORMANCE SINGLE MODE WAVEGUIDE  
OTI - (A1) GUIDE D'ONDE MONOMODE HAUTES PERFORMANCES  
PA - (A1) CORNING INC (US)  
PAO - CORNING INCORPORATED ; 1 Riverfront Plaza Corning, NY 14831 (US)  
IN - (A1) LI MING-JUN; MA DAIPING; SMITH DAVID K; LIU YANMING  
IC - (A1) G02B-006/16 G02B-006/22  
LA - ENGLISH (ENG)  
AP - WO9926094 19990527 [1999WO-US21871]  
PR - US6584597P 19971117 [1997US-P065845]  
EC - G02B-006/16M  
G02B-006/22  
ICO - S02B-006/16T  
DS - AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ; DE;  
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UA; UG; UZ; VN; YU; ZW; European Patent (AT; BE; CH; CY; DE; DK;  
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BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG)  
DT - Basic

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PN - WO9926094 A1 19990527 [WO9926094]  
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ACTE- 19990527 WO/AK [+]

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CI CM GA GN GW ML MR NE SN TD TG

19990624 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF  
19TH MONTH FROM PRIORITY DATE

19990728 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN  
THIS APPLICATION

20000406 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:

JP 2000 521402A [2000JP-0521402]



11/10/04

US 6,031,956

10/086222

20000407 WO/ENP  
ENTRY INTO THE NATIONAL PHASE IN:  
CA 2305232A [1998CA-2305232]

20000515 WO/ENP  
ENTRY INTO THE NATIONAL PHASE IN:  
KR 2000 2000705285A [2000KR-0705285]

20000921 WO/REG; DE/8642 [-]  
DE: IMPACT ABOLISHED FOR DE  
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<u>or</u>	or
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<u>not w/N</u>	not within N words
<u>pre /N</u>	precedes by N words
<u>w/p</u>	in same paragraph
<u>not w/p</u>	not in same paragraph
<u>w/seg</u>	in same segment
<u>not w/seg</u>	not in same segment
<u>w/s</u>	in same sentence
<u>not w/s</u>	not in same sentence
<u>and not</u>	and not
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<u>and</u>	and
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